FP-UMX-TPS-TX130

Multiport TPS (HDBaseT™) Transmitter with Built in Event Manager

The FP-UMX-TPS-TX130 is a flagship model in the Lightware TPS (HDBaseT™ Transmitter) product family. The device can transmit universal video, audio and control up to a 170 meter distance over a single CAT cable in dynamically changing environments such as small board rooms and classrooms. The extender was designed to handle digital and analog video and audio signals: VGA, YPrPb, HDMI1.4 and DP 1.1 with analog stereo audio from local inputs or embedded 7.1 HBR audio. Analog signals (both audio and video) are converted into digital formats. The audio and the video signal can be transmitted separately from each other. The unit offers bi-directional and transparent RS232 and Ethernet transmission and unidirectional and transparent IR transmission. The RS232 connection supports command injection. Remote powering is available through a single CAT 5e - CAT 7 cable, but local power supply can also be used. FP-UMX-TPS-TX130 is compatible with both the HDBaseT™ extenders and matrix switchers.

Features

- 4K/UHD (30Hz RGB 4:4:4, 60Hz YCbCr 4:2:0) and 3D capabilities
- Extends HDMI, VGA or DisplayPort + Audio + Ethernet + RS-232 + IR over a single CAT5e-CAT7e cable up to 170 m distance*
- Audio and video connectors: HDMI, VGA, DisplayPort, Stereo jack
- Embedded 7.1 HBR audio support
- Active cooling system
- Separate audio and video transmission
- Autoselect mode: video and audio priority modes
- Intuitive Control Software
- Event Manager
- 10/100 Ethernet extension
- Bi-directional RS-232 and single direction IR
- IR and RS-232 connection supports command injection
- HDCP compliant, CEC, EDID transparent
- Embeds analog audio
- HDBaseT™ compatibility
- Advanced EDID management
- No signal latency
- Frame detector
- Remote powering through CAT cable
  *Depends on cable category and quality

Specifications

Resolution:	Up to 4K UHD 3840×2160@30Hz, 1600x1200@60Hz, FullHD 1920x1080@60Hz, 1080p@120Hz
Digital audio formats:	Supports up to 8 channel PCM, Dolby TrueHD and DTS-HD Master Audio 7.1 formats
Input cable equalization:	Automatic max 20 m
EDID emulation:	Yes, Advanced EDID Management
EDID memory:	119 factory preset, 15 user programmable
VGA to digital conversion:	0 microseconds delay
HDCP pass-through:	Yes
RS-232 pass-through:	Yes, configurable
RS-232 (control option):	4800, 9600, 19200, 38400, 57600, 115200 Baud Rx,Tx (local or through CATx)(default: 57600)
Local power:	2-pole, DC 48V 500mA
Power over TPS:	DC 48V 0.25A
Power consumption:	8,5W (typ)
Compliance:	CE
Warranty:	3 years

Connectors

Digital video input:	HDMI connector, DisplayPort
Analog video input:	VGA connector
Audio input:	3.5 mm stereo jack
Ethernet:	1 x RJ45
Control:	IR
TPS output:	1 x RJ45
Serial port:	3-pole PHOENIX
Power:	2-pole PHOENIX

Analog Audio Input

Volume:	-96 .. 0 dB
Balance:	0 .. 100%

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FP-UMX-TPS-TX130

visual engineering
LIGHTWARE

| **Compatible Lightware mounting bracket kit** | For a list of compatible industry standard floor boxes, please refer to the downloadable User Manual. |

FP-UMX-TPS MKM Kit

Part Number:
91340029-KIT01

FP-UMX-TPS MKS Kit

Part Number:
91340029-KIT02
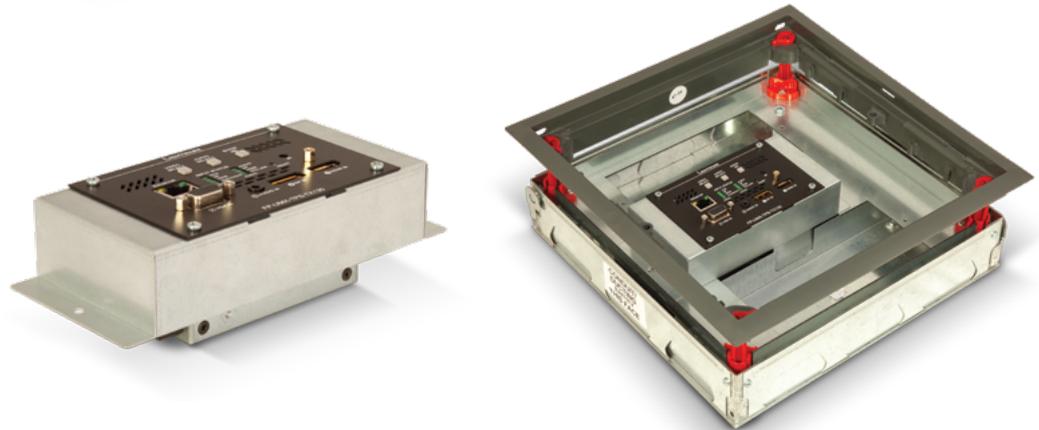
FP-UMX-TPS GES9 Kit

Part Number:
91340029-KIT04
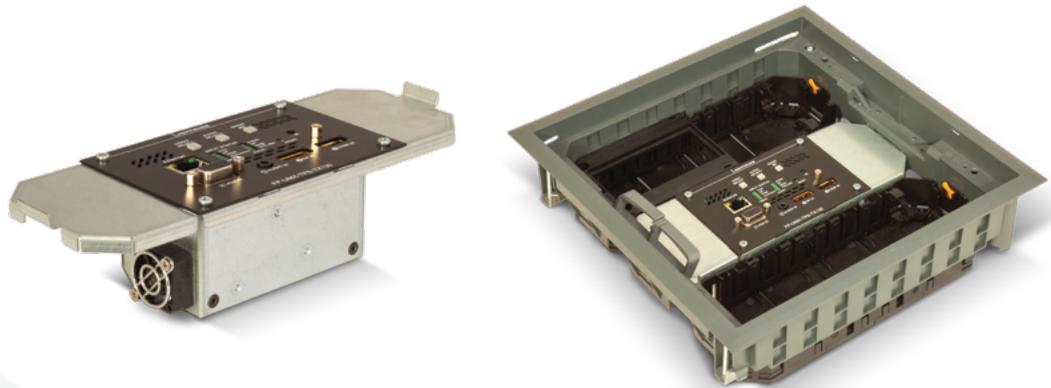
FP-UMX-TPS GES4 Kit

Part Number:
91340029-KIT03